

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the
Federal Communications Commission****By:**

**Eurofins Electrical and Electronic Testing
NA, Inc.
914 W. Patapsco Avenue
Baltimore, MD 21230-3432**

Date of Grant: 02/05/2026**Application Dated: 02/04/2026****Particle Industries, Inc.****548 Market St****PMB 34833****San Francisco, CA 94104****Attention: Nick Lambourne , CTO****NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2AEMI-TACHYON**Name of Grantee: Particle Industries, Inc.****Equipment Class: Unlicensed National Information
Infrastructure TX****Notes: Tachyon****Modular Type: Single Modular**

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
CC	15E	5180.0 - 5240.0	0.0285		
CC ND	15E	5260.0 - 5320.0	0.0309		
CC ND	15E	5500.0 - 5700.0	0.0264		
CC	15E	5745.0 - 5825.0	0.0248		

Single Modular Approval. Output power listed is conducted. The device supports 20MHz, 40MHz, 80MHz and 160MHz bandwidths. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. End-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must ensure that the end user has no manual instructions to remove or install this module. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules and to KDB Publication 996369. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module. The host integrator installing this module into their product must ensure that the final composite product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules, including the transmitter operation and should refer to guidance in KDB 996369.

CC: This device is certified pursuant to two different Part 15 rules sections.

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).